

**Amendments to the Specification:**

Page 1, before line 1, please insert the headings:

**BACKGROUND OF THE INVENTION**

**1. Technical Field**

Page 1, between line 8 and 9, please insert the heading:

**2. Related Art**

Page 5, between line 15 and 16, please insert the heading:

**BRIEF DESCRIPTION OF THE INVENTION**

10/533, 860, Page 15, please amend the paragraph at line 16 as follows:

~~In order to alleviate the drawbacks of the aforesaid prior art, a~~ <sup>5</sup> A first aspect of the invention relates to a method of training a device for linearizing a radiofrequency amplifier which is included within a radiofrequency transmitter of a first equipment of a radiocommunication system, which transmitter is adapted for transmitting bursts according to a determined frame structure, each burst comprising symbols belonging to a determined alphabet of symbols. The method comprises the steps of:

- a) generating a linearization training sequence comprising a determined number N of symbols, where N is a determined integer;
- b) transmitting the linearization training sequence by means of the radiofrequency transmitter in at least certain of the bursts transmitted by the ~~letter~~ transmitter;
- c) comparing the linearization training sequence transmitted with the linearization training sequence generated so as to train ~~said~~ the linearization device.